

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L1    | 4828 | lens and (beam (splitter or combiner) or beamsplitter or WDM) and optical communication | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ              | ON      | 2006/08/04 08:26 |
| L2    | 451  | l1 and transceiver  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ              | ON      | 2006/08/04 08:26 |
| L3    | 427  | l2 and (fiber or fibre)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ              | ON      | 2006/08/04 08:51 |
| L4    | 56   | l3 and isolator   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ              | ON      | 2006/08/04 08:27 |
| L5    | 226  | l3 and module   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ              | ON      | 2006/08/04 08:51 |
| L6    | 192  | l5 not l4   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ              | ON      | 2006/08/04 10:10 |
| L7    | 4    | (("20030169983") or ("6751379") or ("6693928") or ("6859470")).PN.                      | US-PGPUB; USPAT; EPO                        | OR               | OFF     | 2006/08/04 10:44 |
| L8    | 2    | "6985647"   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ              | ON      | 2006/08/04 10:48 |
| L9    | 2    | "6374021".pn.   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ              | ON      | 2006/08/04 10:51 |
| L10   | 1    | "6374021".pn. and connector   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ              | ON      | 2006/08/04 10:51 |

## EAST Search History

|     |        |   |   |     |    |                  |
|-----|--------|---|---|-----|----|------------------|
| L11 | 1      | "6374021".pn. and optical connector                             | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/08/04 12:33 |
| L12 | 59     | PCB X   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/08/04 11:15 |
| L13 | 3      | PCB X and PCB Y   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/08/04 11:17 |
| L14 | 230264 | printed circuit board   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/08/04 11:17 |
| L15 | 2129   | I14 and optical communication                                   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/08/04 11:17 |
| L16 | 1397   | I15 and (fiber or fiber)  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/08/04 11:18 |
| L17 | 469    | I16 and transceiver   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/08/04 11:18 |
| L18 | 337    | I17 and transmitter and receiver                                | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/08/04 11:20 |
| L19 | 71     | I18 and (wdm or beamsplitter or beam splitter or beam combiner) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/08/04 11:21 |
| S1  | 2      | "20050152694".pn.   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/08/03 07:59 |

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|     |      |  |   |     |     |                  |
|-----|------|--|---|-----|-----|------------------|
| S2  | 3    | (("20030169984") or ("20040037537") or ("20040105613")).PN.  | US-PGPUB; USPAT; EPO                        | OR  | OFF | 2006/08/02 16:45 |
| S3  | 2718 | lens and transmitter and receiver and (laser or ld or pd or photodetector) and (photoelectric converter or oe or eo) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON  | 2006/08/02 18:28 |
| S4  | 2557 | S3 and optical   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON  | 2006/08/02 16:48 |
| S5  | 537  | S4 and (beam splitter)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON  | 2006/08/02 16:49 |
| S6  | 91   | S5 and wdm   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON  | 2006/08/02 16:49 |
| S7  | 115  | S5 and isolator  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON  | 2006/08/02 17:52 |
| S8  | 76   | S7 not S6  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON  | 2006/08/02 17:52 |
| S9  | 56   | lens and transmitter and receiver and (laser or ld or pd or photodetector) and (photoelectric converter)             | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON  | 2006/08/02 18:08 |
| S10 | 55   | S9 not S8  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON  | 2006/08/02 18:08 |
| S11 | 54   | S10 not S6   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON  | 2006/08/02 18:09 |

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|     |      |  |   |     |    |                  |
|-----|------|--|---|-----|----|------------------|
| S12 | 2747 | lens and (beam (splitter or combiner)) and optical communication   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/08/03 09:22 |
| S13 | 605  | S12 and transmitter and receiver   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/08/02 18:29 |
| S14 | 125  | S13 and isolator   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/08/02 18:29 |
| S15 | 125  | S14 not S11  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/08/02 18:30 |
| S16 | 106  | S14 not S8   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/08/02 19:27 |
| S17 | 2    | "5589684".pn   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/08/02 19:27 |
| S18 | 796  | lens and (beam (splitter or combiner)) and transceiver   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/08/03 09:23 |
| S19 | 71   | S18 and isolator   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/08/03 09:23 |
| S20 | 2722 | lens and transmitter and receiver and (laser or ld or pd or photodetector) and (photoelectric converter or oe or eo) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/08/03 09:24 |
| S21 | 2561 | S20 and optical  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/08/03 09:24 |

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|     |      |  |   |     |    |                  |
|-----|------|--|---|-----|----|------------------|
| S22 | 537  | S21 and (beam splitter)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/08/03 09:24 |
| S23 | 91   | S22 and wdm  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/08/03 09:24 |
| S24 | 115  | S22 and isolator   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/08/03 09:24 |
| S25 | 76   | S24 not S23  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/08/03 09:24 |
| S26 | 2749 | lens and (beam (splitter or combiner)) and optical communication | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/08/03 17:02 |
| S27 | 606  | S26 and transmitter and receiver                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/08/03 09:24 |
| S28 | 126  | S27 and isolator   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/08/03 09:24 |
| S29 | 107  | S28 not S25  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/08/03 09:24 |
| S30 | 55   | S19 not S29  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/08/03 09:44 |
| S31 | 2749 | lens and (beam (splitter or combiner)) and optical communication | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/08/04 08:25 |

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|     |      |  |   |     |    |                  |
|-----|------|--|---|-----|----|------------------|
| S32 | 775  | S31 and module   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/08/03 17:15 |
| S33 | 192  | S32 and isolator   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/08/03 17:05 |
| S35 | 21   | S33 and transceiver  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/08/03 17:05 |
| S36 | 81   | S32 and (laser drive or laser controller or drive circuit) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/08/03 17:17 |
| S37 | 2    | "5485481".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/08/03 18:47 |
| S38 | 1197 | (fiber or fibre) optical connector                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/08/03 18:48 |
| S39 | 7    | S31 and(fiber or fibre) optical connector                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/08/03 18:55 |
| S40 | 7    | S31 and (fiber or fibre) optical connector                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/08/03 18:48 |
| S41 | 1    | "6374021".pn. and optical connector                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/08/03 19:24 |